

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number
WO 2005/037502 A1

(51) International Patent Classification⁷: **B27B 17/00**

(21) International Application Number:
PCT/SE2004/001464

(22) International Filing Date: 13 October 2004 (13.10.2004)

(25) Filing Language: Swedish

(26) Publication Language: English

(30) Priority Data:
0302761-2 20 October 2003 (20.10.2003) SE

(71) Applicant and

(72) Inventor: **HEMMINGSON, Olle** [SE/SE]; Gärdsta 2170,
S-830 01 Hallen (SE).

(74) Agent: **ALBIHNS STOCKHOLM AB**; P.O. Box 5581,
S-114 85 Stockholm (SE).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

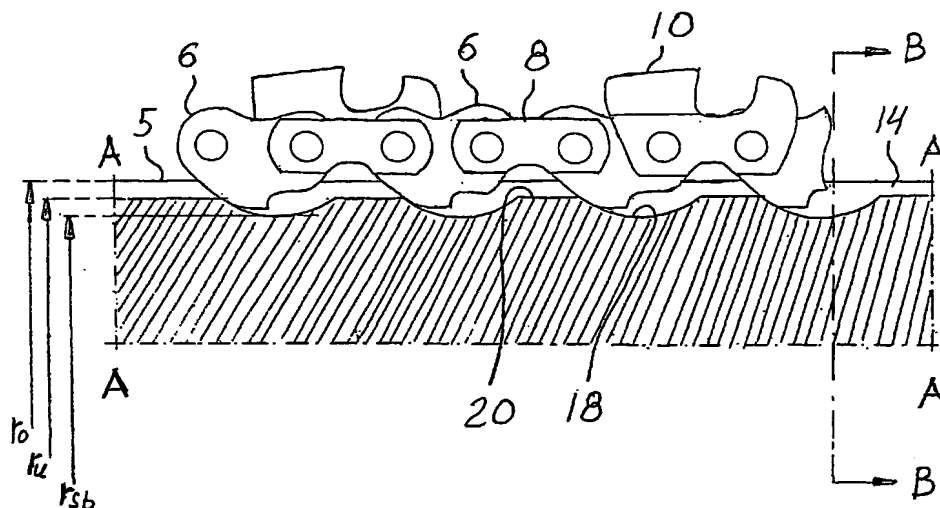
(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **DISC SAW BLADE**



(57) Abstract: The invention relates to a disc saw blade (2) with a saw chain (12) mounted around the circumference of a circular disk (4), which saw chain (12) is provided with driving links (6), connecting links (8) and cutting links (10). By means of the driving links (6), the chain is guided in at least one chain groove (14) arranged around the periphery of the disk, against the bottom (18) of which groove, a part (22) of each driving link that projects radially inwards can make contact. The bottom (18) of the groove has radial projections (20) distributed around the circumference and the driving link has a cam surface (24) on the part (22) that projects radially inwards, for interaction with the respective radial projection (20). The chain (12) can move from a neutral position, in which the respective part (22) that projects inwards is loosely inserted between two adjacent radial projections (20), to a working position, in which the respective cam surfaces (24) are in contact with the associated radial projections (20).